

# HYPERTEC ENVIRONMENTAL DATA DISCLOSURE REPORT

## CIVIL YEAR 2025

Document: RP\_HYP\_QA011

Version: 03

Report Date: 2026.03.18

Verification by Third Party Date: 2026.06.18

Reference: *(GRI) 302, 303, 305 and Material Topics 2021*

## Table of Contents

1. INTRODUCTION .....	2
2. SCOPE.....	2
3. STATEMENT .....	7
4. CONTENT REPORT .....	7
4.1. Results for Water Consumption.....	7
4.2. Results for Energy Consumption.....	8
4.3. Results for Greenhouse Gas Emissions, Scope 1, Scope 2 & Scope 3.....	12
4.3.1. Referring to Scope 1.....	14
4.3.2. Referring to Scope 2 _ Location-based.....	14
4.3.2.1. Referring to Market-based scope 2:.....	14
4.3.3. Referring to Total Gross Scope 1 and Scope 2.....	15
4.3.4. Referring to Scope 3.....	15
4.3.5. Referring to Total Gross Scope 3 (Category 1, 2, 3, 4, 5, 6, 7, 8, 9 & 11).....	18
4.4. Performance Evaluation .....	20
4.4.1. Absolute Value.....	20
4.4.2. Intensity Value.....	21
5. HISTORY OF CHANGES.....	22
6. ANNEX.....	22
6.1. Global Reporting Initiative Disclosure .....	22
6.2. Emission Factors (Scope 3) .....	25

## 1. INTRODUCTION

At Hypertec Group, environmental responsibility is an integral part of how we design, build, and deliver technology solutions worldwide. Our commitment extends across our operations and supply chain, where we prioritize efficiency, consistency, transparency, and the responsible stewardship of natural resources. We remain focused on reducing energy consumption, greenhouse gas emissions, environmental impacts, and water use throughout our value chain.

We are committed to the continuous improvement of our environmental performance while meeting customer expectations and ensuring compliance with all applicable legal and regulatory requirements. To embed sustainability at the core of our business, Hypertec maintains an Integrated Management System (IMS) aligned with internationally recognized standards, including ISO 9001, ISO 14001, and ISO 50001. These certifications strengthen our ability to drive operational efficiency, optimize energy and water consumption, and reduce greenhouse gas emissions across our activities.

Transparency is fundamental to our approach. Through ESG reporting and participation in initiatives such as CDP, we measure, monitor, and disclose our environmental performance while driving measurable and meaningful action. In parallel, we uphold the SA8000 standard within our supply chain engagement, reinforcing responsible, ethical, and socially accountable practices across our global network.

Hypertec Group is proactive in addressing climate-related risks and opportunities. Guided by our Climate and Energy Policy and Climate Change Strategy, we have established enterprise-wide objectives and measurable targets to support our environmental ambitions. In alignment with Canada’s Net-Zero Emissions by 2050 objective, Hypertec is committed to achieving net-zero greenhouse gas emissions for Scope 1 and Scope 2 by 2050. This commitment is supported by energy efficiency initiatives, continuous performance monitoring, fuel switching, and the increased use of renewable energy solutions, reinforcing our long-term contribution to a resilient, low-carbon economy.

## 2. SCOPE

General Information	Description
<b>Representative</b>	Aziza BENABBAS, Sustainability Project Specialist-Corporate Compliance <a href="mailto:abenabbas@hypertec.com">abenabbas@hypertec.com</a>
<b>System</b>	Environmental Management System _ Emissions and Consumption One-site
<b>Address</b>	9300 Trans-Canada Highway, Saint-Laurent, Québec, Canada, H4S 1K5 5555 Rue Cypihot, Saint-Laurent, Québec, Canada, QC H4S 1R3

<p><b>Assessment Scope</b></p>	<p>The buildings are located at the following locations:</p> <p><b>Location 1 (Head Offices):</b> 9300 Trans-Canada Highway, Saint-Laurent, Québec, Canada, H4S 1K5,  <b>Location 2:</b> 5555 Rue Cypihot, Saint-Laurent, Québec, Canada, QC H4S 1R3  <b>Area 2:</b> 178,940 square feet</p> <p><b>Revenue 2025:</b> 662.03 million CAD.</p> <p>Hypertec Group business units encompass High Performance Computing and AI (HPC&amp;AI), Hypertec Solution Partners (HSP), and Custom Manufacturing.          Disclosure of standard(s) and framework(s) used for the calculations and reporting, where applicable, or the standard or framework used to achieve the third party.</p>
<p><b>Assessment Reference</b></p>	<p>The environmental data reported by Hypertec Group on the following aspects.</p> <p>Water consumption          Energy consumption          Scope 1 and Scope 2 greenhouse gas emissions          Scope 3 greenhouse gas emissions:          Category 1 (Purchased Goods and Services,          Category 2 (Capital goods),          Category 3 (Fuel- and Energy-Related Activities Not Included in Scope 1 or Scope 2)          Category 4 (upstream transportation and distribution),          Category 5 (Waste Generated in Operations),          Category 6 (Business Travel),          Category 7 (Employee Commuting),          Category 8 (Upstream Leased Assets),          Category 9 (Downstream Transportation and Distribution),          Category 11 (Use of Sold Products).</p>
<p><b>Methodology Reference</b></p>	<p><b>Reporting, Verification, and Validation Reference:</b>          GRI 301: Materials, GRI 302: Energy 2016, GRI 303: Water and Effluents 2018, and GRI 305: Emissions 2016.          ISO 14064-3 Green gases - Part 3: Specification with guidance for verifying and validating greenhouse gas statements.</p> <p><b>Scope 1, Scope 2, and Scope 3 Calculation Reference:</b>          Greenhouse gas protocol standard, Corporate Accounting and Reporting Standard, Scope 2 Guidance, and Scope 3 Guidance Standard.          Scope 3 _Category 1: Average-data method.          Scope 3 _Category 2: Average spend-based method          Scope 3 _Category 3: Average-data method          Scope 3_Category 4: Spend-based method.          Scope 3_Category 5: Waste-type-specific method          Scope 3_Category 6: distance-based method          Scope 3_Category 7: Average-data method          Scope 3_Category 8: Average-data method          Scope 3_Category 9: Spend-based method          Scope 3_Category 11: Products that directly consume energy (fuels or electricity) during use</p>

<p><b>Energy &amp; water Reduction Calculation</b></p>	<p><b>Reference Standards:</b> GRI 301, 302, 303, 305: ISO 50001, ISO 14001, ISO 14064-3  <b>Calculation Basis:</b> Baseline comparisons in this report are conducted using 2024 as the baseline year for Scope 1 and Scope 2 and 2023 as the baseline year for Scope 3. In addition, Hypertec tracks year-over-year changes to capture short-term performance improvements, taking into account energy efficiency measures, operational improvements, and renewable energy purchases.  <b>The primary calculation methods include:</b>            Energy and water reductions are tracked internally based on the bills.            Fuel savings converted to energy using standard conversion factors (GJ/L, MWh, etc.).            Renewable Energy Certificates (RECs) are accounted for based on contractual agreements.  <b>Data Validation &amp; Verification:</b> Energy data is verified through internal EMS tracking and reports, 3rd party audit.</p>
<p><b>Management Approach</b></p>	<p>Energy and GHG emission:            - Hypertec establishes a structured energy management focused on improving efficiency, reducing greenhouse gas emissions, and transitioning to renewable energy sources. This approach is fully embedded within our sustainability framework and operational practices. To demonstrate our commitment, we have established a comprehensive <b>Energy Policy</b> designed to optimize energy use across our operations and supply chain.            Our target is to reduce electricity consumption by <b>1.67% per year</b>, aligned with our <b>Net-Zero emissions roadmap</b>, using <b>2024<sup>1</sup></b> as the new baseline year for scope 1 &amp; 2 and 2023 for scope 3.            To support decarbonization, Hypertec purchases Renewable Energy Certificates (RECs) to apply market-based Scope 2 emissions accounting and support renewable electricity generation.            The <b>QA and building management teams</b> are responsible for implementing and maintaining energy systems in accordance with <b>ISO 50001:2018</b>, continuously monitoring and improving system performance. Additionally, the <b>Sustainability Committee</b> oversees energy reduction targets, ensuring progress toward our sustainability goals.  <b>Water :</b>            Water withdrawal is sourced entirely from the municipal network of the City of Montréal and is captured through utility bills and meter readings. The facility does not abstract water from surface water, groundwater, or seawater sources. Water discharge consists exclusively of sanitary wastewater directed to the public sewer system; no industrial process wastewater is generated. Evaporation losses are considered negligible given the nature of operations (office and IT assembly activities).            Water-related impacts are identified annually through a review of utility invoices, internal meter readings, and site operational data. The scope of assessment covers the facility 5555 Cypihot, Saint-Laurent. No water-stressed areas are associated with Hypertec’s locations based on the WRI Aqueduct Water Risk Atlas. Hypertec engages with the City of Montréal’s municipal wastewater regulations to ensure compliance and monitors discharge standards applicable to its sanitary effluents.  <b>Policies and commitments:</b> Hypertec’s water management is governed by its ISO 14001-certified Environmental Management System (EMS). Water consumption is tracked as part of the organization’s environmental performance indicators and reported annually. Water-</p>

<sup>1</sup> The baseline year has been revised from 2019 to 2024 to reflect the relocation of our operations to a new facility at 5555 Cypihot. The new site presents a significantly different energy profile and operational setup compared to the previous location, making 2024 a more accurate reference point for future comparisons.

	<p>related goals focus on consumption efficiency monitoring. We aim to reduce water consumption intensity by 10% by 2030, compared with a 2024 baseline. However, water data is reviewed during management reviews to identify any efficiency opportunities</p> <p><b>Tracking effectiveness:</b> Water consumption is monitored annually through utility invoices. Performance is reported in the annual Environmental Data Disclosure against the 2024 baseline year. Stakeholder engagement on water follows the same mechanisms as for energy and emissions (management reviews, customer requirements, and ESG disclosures). Lessons learned are incorporated into the EMS framework.</p>
<p><b>Intensity Ratios</b></p>	<p>Hypertec has chosen two ratios to measure energy / GHG emissions/ Water intensity:</p> <ol style="list-style-type: none"> <li>1. <b>Physical Intensity:</b> Total energy consumption/emissions divided by building floor area (sq.ft).<sup>2</sup></li> <li>2. <b>Economic Intensity:</b> Total energy consumption/emissions divided by Annual Revenue.</li> </ol>
<p><b>Impacts on the Economy, Environment, and People</b></p>	<p><b>Positive Impacts:</b></p> <ul style="list-style-type: none"> <li>• <b>Economy:</b> Job creation across the supply chain.</li> <li>• <b>Environment:</b> Improved energy efficiency and increased use of recycled materials, Responsible water stewardship through municipal supply use and sanitary discharge only, with no industrial water consumption.</li> <li>• <b>Social:</b> Fair labor practices, supported by SA8000 certification.</li> </ul> <p><b>Potential Negative Impacts:</b></p> <ul style="list-style-type: none"> <li>• <b>Environment:</b> Indirect CO<sub>2</sub> emissions related to energy use and transportation. Indirect water consumption risk associated with the manufacturing and supply chain of IT components and products sold.</li> <li>• <b>Supply Chain:</b> Social and environmental risks associated with raw material extraction.</li> </ul> <p>Our impacts are indirect, stemming from energy and water consumption and risks linked to our suppliers. We do not produce ozone-depleting substances and ensure our suppliers comply with regulations.</p> <p><b>Policies and Commitments:</b></p> <ul style="list-style-type: none"> <li>• Responsible procurement policy with ESG criteria.</li> <li>• Energy policy in line with <a href="#">ISO 50001</a>.</li> <li>• Integrated management Policy, which includes <a href="#">ISO 14001</a>.</li> <li>• Water management governed by the ISO 14001-certified Environmental Management System (EMS), including annual utility monitoring and compliance with City of Montréal wastewater By-law (R.B.C.M., c. G-1) for all sanitary effluent discharge.</li> <li>• Electronic waste management through certified subcontractors.</li> </ul> <p><b>Actions to Manage These Impacts:</b></p> <ul style="list-style-type: none"> <li>• <b>Prevention:</b> Energy consumption reduction objective, supplier evaluations, e-waste management.</li> </ul>

<sup>2</sup> Physical Intensity ratios in this report are calculated using building floor area (sq.ft) as the denominator. Due to Hypertec's facility relocation, this denominator varies by reporting period: 60,625.29 sq.ft for 2019-2022 (9300 Trans-Canada Highway); 1,416,564.19 sq.ft for 2023 (combined area of Location 1, occupied January-September 2023, and Location 2, occupied September 2023-January 2024, reflecting the transition year); and 178,940 sq.ft for 2024-2025 (5555 Rue Cypihot, the current facility). As a result, year-over-year Physical Intensity variations for 2023 and 2024 reflect both changes in absolute consumption/emissions values and the change in denominator, and are therefore not directly comparable to variations in other years.

	<ul style="list-style-type: none"> <li>• <b>Impact Reduction:</b> Increase in renewable energy usage and improved traceability of IT components.</li> <li>• <b>Managing Positive Impacts:</b> Product innovation and internal training.</li> </ul> <p><b>Effectiveness Monitoring:</b></p> <ul style="list-style-type: none"> <li>• Monitoring energy consumption in accordance with ISO 50001, annual ESG supplier evaluations.</li> </ul> <p>• <b>Goals:</b></p> <ul style="list-style-type: none"> <li>✓ <b>First Interim Target:</b> 50% absolute reduction in Scope 1 and Scope 2 emissions by 2033<sup>3</sup> vs 2024, <b>Second Interim Target:</b> 67% absolute reduction in Scope 1 and Scope 2 emissions by 2040 vs 2024 and achieving net-zero emissions by 2050 as part of the Net Zero Challenge.</li> <li>✓ No carbon offsets have been used to date to achieve these targets.</li> <li>✓ Reduce water consumption intensity by 10% by 2030, compared with a 2024 baseline</li> </ul> <p><b>Stakeholder engagement on actions/effectiveness:</b>  Hypertec integrates stakeholder engagement into the continuous improvement processes of its certified management systems, including ISO 9001, ISO 14001, ISO 45001, ISO 50001, ISO 27001 and SA8000.  The review of stakeholder needs and expectations is carried out periodically and serves as a key input for the evaluation of our management approach.  Regular mechanisms include:</p> <ul style="list-style-type: none"> <li>• Review of stakeholder needs and expectations conducted within each management system framework.</li> <li>• Customer requirement reviews and quarterly meetings with key customers.</li> <li>• Supplier evaluations to monitor responsible sourcing and partnership performance.</li> <li>• Employee engagement surveys and feedback sessions.</li> <li>• Management reviews to evaluate the overall effectiveness of actions, identify lessons learned, and integrate feedback into operational planning and strategic objectives.</li> <li>• External communications and sustainability disclosures, including GRI, ESG, CDP, as well as policy updates and public commitments</li> </ul> <p>Insights from these engagements directly inform our environmental, social, and governance initiatives.</p>
<b>Reporting Year</b>	Civil year for 2025
<b>Date</b>	March 18, 2026
<b>Verification</b>	The environmental data for each GRI aspect is assured by an independent third party, Marie Bellemare-MB Consulting, in June 2026.

<sup>3</sup> This objective was updated, extending the target year from 2028 to 2033. Initially, Hypertec defined a target to reduce Scope 1 and Scope 2 greenhouse gas emissions by 50% by 2028, using 2019 as the baseline year. However, the baseline year was revised to 2024 following the relocation of operations to a temporary facility with a significantly different energy profile. Based on observed performance between 2024 and 2025, which shows an approximate 4% reduction in total energy consumption, the revised 2033 target represents a realistic and credible emissions reduction pathway. Hypertec also anticipates additional mitigation opportunities following a planned relocation to a new permanent facility during 2026-2027, which is expected to support continued emissions reductions beyond the first interim target.

### 3. STATEMENT

All activities and processes implemented by Hypertec Group Inc., as well as all building zones of the organization identified above, are included in the monitored information regarding water and energy consumption, as well as Scope 1, Scope 2, and Scope 3 (Categories 1, 2, 3, 4, 5, 6, 7, 8, 9, and 11) greenhouse gas emissions, which are used for calculations and reporting.

Environmental aspect	Assessment Description
<b>Water consumption</b>	Water consumption data is obtained directly from utility bills and meter readings, which are tracked and monitored internally by designated employees. Our internal verification process ensures accuracy and consistency, with periodic reviews and validations to maintain data reliability.
<b>Energy Consumption</b>	Internal verification is conducted by a designated Hypertec employee. Energy sources include electricity (ventilation, heating, and lighting), oil fuel, and natural gas for water heating. <b>Stationary Sources</b> encompass natural gas consumption for heating and oil fuel (diesel) for emergency generators. <b>Mobile sources</b> consist of oil fuel used by company-owned vehicles.
<b>Greenhouse Gas (GHG) emissions: Scope 1, 2 &amp; 3</b>	The emissions are aligned with the total energy consumption and the associated value chain. An internal verification of emissions is conducted by a designated employee.

### 4. CONTENT REPORT

Hypertec reports on a calendar-year basis, with 2024 set as the baseline year.

#### 4.1. Results for Water Consumption

Civil Year	2019	2020	2021	2022	2023	2024	2025
<b>ML</b>	57.895	56.108	44.837	47.767	51.651	5.773	6.793 <sup>4</sup>
<b>Annual variation (Year-over-Year) (amount ML)</b>	-	-1.787	-11.271	+2.930	+3.884	-45.878	1.02
<b>Annual variation (%)</b>	-	-3.09%	-20.09%	6.53%	8.13%	-88.8% <sup>5</sup>	18%

<sup>4</sup> Water Withdrawal Detail: Total withdrawal 2025: 6.793 ML (municipal water only). Water withdrawal from water-stressed areas: 0 ML (Montréal is not classified as a water-stressed area per the WRI Aqueduct Water Risk Atlas). Freshwater classification ( $\leq 1,000$  mg/L TDS): 6.793 ML; Other water ( $> 1,000$  mg/L TDS): 0 ML. Montréal municipal supply consistently falls well below the 1,000 mg/L TDS threshold. Data source: utility bills and internal meter readings. Water Discharge Detail: Total discharge 2025: approximately 6.793 ML (assuming negligible evaporation losses). Discharge destination: City of Montréal public sewer system. Discharge to water-stressed areas: 0 ML. Freshwater discharge: 6.793 ML; Other water: 0 ML. Minimum effluent standards: discharge complies with the City of Montréal By-law concerning wastewater (R.B.C.M., c. G-1) for domestic/sanitary wastewater. No industrial effluent is generated; no priority substances of concern apply.

Water Consumption Detail: Total water consumption 2025: 6.793 ML (calculated as total withdrawal minus estimated discharge; evaporation negligible). Water consumption from water-stressed areas: 0 ML. Change in water storage: not applicable (no on-site water storage with significant water-related impact identified). Data is sourced from direct measurements (utility bills and meter readings).

<sup>5</sup> The significant decrease in water consumption in 2024 (-88.8%) is mainly due to the relocation of our operations. The current facility is smaller and better aligned with our core business activities, resulting in lower overall water needs.

## 4.2. Results for Energy Consumption

### 4.2.1. Electricity

Civil Year	2019	2020	2021	2022	2023	2024	2025
MWh	56,670	50,190	42,390	46,390	31,163	2,142	2,199
GJ <sup>6</sup>	204,012	180,684	152,604	167,004	122,186.8	7,710.49	7,917.90
Annual variation (GJ)	-	-23,328	-28,080	14,400	-44,817.2	-114,476.31	207.41
Annual variation (%)	-	-11.4%	-15.5%	9.4% <sup>7</sup>	-32.8%	-93.13%	+2.69%

### 4.2.2. Natural Gas — Stationary Source

Civil Year	2019	2020	2021	2022	2023	2024	2025
m <sup>3</sup>	142,464	108,057	93,839	98,750	98,470	146,408 <sup>8</sup>	142,400
GJ <sup>9</sup>	5,399.40	4,095.35	3,556.49	3,742.62	3,732.01	5,547.40	5,395.54
Annual variation (GJ)	-	-1,304.05	-538.86	186.13	-10.61	1,816.37	-151.86
Annual variation (%)	-	-24.15%	-13.16%	5.23%	-0.28%	48.68%	-2.74%

### 4.2.3. Oil Fuel (Diesel) from — Stationary and Mobile Sources

#### 4.2.3.1. Oil Fuel for company-owned vehicles — Mobile Source

Civil Year	2019	2020	2021	2022	2023	2024	2025
MWh	0.0230	0.0230	0.013	37.37	125.10	55.36	53.22
GJ <sup>10</sup>	0.0828	0.0828	0.0468	134.53	450.36	199.30	191.60
Annual variation (GJ)	-	0	-0.0360	-	315.83	-251.06	-7.70
Annual variation (%)	-	0%	-43.48%	-	-	-55.75%	-3.86%

Unlike the previous building, which included additional tenants and shared water use, the new site's consumption now reflects only the water required for Hypertec's employees needs.

<sup>6</sup> Electricity conversion factor: 0.0036 GJ/kWh. Source: [Ministry-Environment\\_Conversion-Table-GHG](#).

<sup>7</sup> In 2022, electricity consumption increased by 9.4% primarily due to the gradual return of employees to the office after the COVID-19 pandemic.

<sup>8</sup> Hypertec's heating and cooling energy is fully accounted for within electricity and natural gas consumption figures.

At the previous facility (up to 2023), all heating and cooling were powered by electricity. Since the relocation in 2024, the new building operates a mixed HVAC system using both electricity and natural gas, which explains the 48.68% increase in natural gas consumption for 2024. Consequently, energy used for climate control is included within the reported electricity and natural gas totals, ensuring there is no double counting and that all sources of thermal energy are comprehensively captured.

Hypertec does not utilize steam in its operations; therefore, it is not applicable to our energy reporting.

<sup>9</sup> Natural Gas conversion factor: 0.03789 GJ/M<sup>3</sup>. Source: [Ministry-Environment\\_Conversion-Table-GHG](#)

<sup>10</sup> Fuel conversion factor: 0.03345 GJ/L. Source: [Ministry-Environment\\_Conversion-Table-GHG](#)

#### 4.2.3.2. Oil Fuel for emergency generator — Stationary source

Civil Year	2019	2020	2021	2022	2023	2024	2025
MWh	220	111.66	99.78	220.61	269.00 <sup>11</sup>	0	0
GJ <sup>12</sup>	792	401.97	359.22	794.19	968.39	0	0
Annual variation (GJ)	-	-390.03	-42.75	+434.97	+174.20	0	0
Annual variation (%)	-	-49.25%	-10.64%	121.10%	21.93%	0%	0%

#### 4.2.3.3. Total Energy

Civil Year	2019	2020	2021	2022	2023	2024	2025
MWh	57,926	51,926	43,451	47,648	32,593	3,738	3,751
GJ	208,533.6	186,933.6	156,423.6	171,532.8	117,334.8	13,457.2	13,505.05
Annual variation (GJ)	-	-21,600	-30,510	15,109.2	-54,198	-103,879.5	47.87
Annual variation (%)	-	-10.36%	-16.32%	9.66%	-31.60%	-88.5%	0.36%

#### 4.2.3.4. Source of Energy

Civil Year	2019	2020	2021	2022	2023	2024	2025
Renewable (MWh)	56,670	50,190	42,390	46,390	31,163	2,141.80	2,199.42
Renewable_Annual variation (MWh)	-	-6,480	-7,800	+4,000	-15,227	-29,021.2	57.61
Non-renewable (MWh)	1,750	1,733	1,061.3	1,261.7	1,430.50	1,596.31	1551.98
Non-renewable_Annual variation (MWh)	-	-17	-671.7	+200.4	+168.3	+165.81	-44.32

#### 4.2.3.5. Reductions in energy requirements of products and services

CIARA products are designed with a strong focus on energy efficiency. Energy consumption is minimized through the integration of ENERGY STAR® certified systems and 80 PLUS® certified power supplies, helping reduce the energy requirements of products during their use phase.

To assess reductions in energy requirements of sold products, Hypertec calculated the annual energy consumption associated with products sold during the reporting year using ENERGY STAR® Typical Energy Consumption (TEC) values. The calculation covers CIARA-branded products sold during the reporting period 2025.

<sup>11</sup> This increase is due to a major power outage in Montreal in the spring of 2023, caused by the situation attributed to the ice storm.

<sup>12</sup> Generator fuel conversion factor: 0.03880 GJ/L. Source: [Ministry-Environment\\_Conversion-Table-GHG](#)

## Calculation Methodology

Item	Details
Calculation method	ENERGY STAR® Typical Energy Consumption (TEC, kWh/year per unit) × number of units sold during the reporting year. Total annual energy requirements were calculated for both the baseline year (2024) and the reporting year (2025).
Energy reduction calculation	Total energy requirements (CY2024) – Total energy requirements (CY2025)
Standard	ENERGY STAR® Program Requirements for Computers v8.0 and v9.0 (EPA, US)
Scope	CIARA-branded products sold in 2025: micro-PCs (Astro), laptops (Crius), desktops (Horizon), workstations (Kronos).
Baseline year	CY2024

### Assumptions:

- ENERGY STAR® Typical Energy Consumption (TEC) values are used as representative annual energy consumption values for each product family.
- For legacy models not covered by a current ENERGY STAR® certification, TEC values were estimated using the ENERGY STAR® database. These models represented less than 0.1% of total annual energy requirements and therefore had an immaterial impact on the results.
- Energy requirements are calculated based on units sold during each reporting year.

### Typical Energy Consumption (TEC) Values Used:

Product	TEC (kWh/yr)	ENERGY STAR Certificate <sup>13</sup> / Test Report	Cert. ID
Astro PW64-T / PW64-W	23.5	ENERGY STAR v9.0 _ Desktop	4576800
Horizon D-series: D11xxx, D12xxx, D13xxx	65.0	ENERGY STAR v8.0 _ Desktop	2382906
Horizon T- series: T11xxx, T12xxx, T13xxx	55.7	ENERGY STAR v8.0 _ Desktop	2667817
Horizon D15750 <sup>14</sup>	91.5	ENERGY STAR v9.0 _ Desktop	4586334
Horizon T15750	87.6	ENERGY STAR v9.0 _ Desktop	4586333
Kronos 540-G2 / 545-G2 (54*-G*)	31.6	ENERGY STAR v9.0 _ Workstation	4577063
Crius N310-G1	27.1	ENERGY STAR v8.0 verification _ TÜV Rheinland	US25268H
Crius N320-G1 / CO100-G1	23.1	ENERGY STAR v8.0 verification _ TÜV Rheinland	US2574DJ

<sup>13</sup> [https://www.energystar.gov/productfinder/product/certified-computers/results?formId=7adbf03a-90a8-4b0a-bac6-a3525da86ca2&scrollTo=600&search\\_text=&type\\_filter=&brand\\_name\\_isopen=1&processor\\_name\\_isopen=0&markets\\_filter=United+States&zip\\_code\\_filter=&product+types+to+select=Select+a+Product+Category&sort\\_by=tec\\_of\\_model\\_kwh&sort\\_direction=asc&page\\_number=0&lastpage=0&brand\\_name\\_filter=CIARA](https://www.energystar.gov/productfinder/product/certified-computers/results?formId=7adbf03a-90a8-4b0a-bac6-a3525da86ca2&scrollTo=600&search_text=&type_filter=&brand_name_isopen=1&processor_name_isopen=0&markets_filter=United+States&zip_code_filter=&product+types+to+select=Select+a+Product+Category&sort_by=tec_of_model_kwh&sort_direction=asc&page_number=0&lastpage=0&brand_name_filter=CIARA) (please not, you can find in this link the recent energy star certifications)

<sup>14</sup> D15750/T15750 absolute TEC: TEC values for D15750 (91.5 kWh/yr) and T15750 (87.6 kWh/yr) are higher than D/T 11xxx-13xxx (65.0/55.7 kWh/yr). This reflects a different performance-tier configuration and a methodology change between ENERGY STAR v8.0 and v9.0 test profiles; Meanwhile, the T/D15750 is with NVIDIA T1000 GPU, which Overall General Performance Improvement 200% to 300% faster than last generation. It is not currently possible to isolate a per-unit efficiency improvement from these two TEC values alone, and no like-for-like reduction is claimed from this comparison.

Astro PN64, Kronos 540, Kronos 545	40.0 / 39.8 / 42.0	ENERGY STAR database estimate (<0.1% of total kWh)	—
------------------------------------	--------------------	--	---

Reductions in energy requirements of sold products

Metric	CY2024 (Baseline)	CY2025 (Reporting Year)
Units sold	22,135	8,520
Total energy requirements (MWh/year)	914.6	478.6
Energy reduction _ MWh	—	435.96
Energy reduction _ GJ	—	1,569.5
Reduction vs. baseline (%)	—	-47.7%

Based on the methodology described above, the total annual energy requirements associated with CIARA products sold in CY2025 were **478.6 MWh**, compared to **914.6 MWh** in the CY2024 baseline year. This represents a reduction of **435.96 MWh (1,569.5 GJ)**, equivalent to a **47.7% decrease in energy requirements** relative to the baseline year.

This reduction is primarily attributable to a significant decrease in total units sold (from 22,135 in CY2024 to 8,520 in CY2025, a -61.5% decline) combined with a shift in product mix. The CY2024 baseline included 11,063 Crius laptop units (representing 27.9% of baseline energy requirements), which were largely absent from CY2025 sales. TEC values for individual product models remained stable year-over-year; however, the 2025 product mix shifted toward higher-TEC product categories (workstations and performance desktops), which partially offset the volume-driven reduction. On a like-for-like basis, the average TEC of desktop and workstation products decreased by 3.8% between the two years, reflecting incremental efficiency improvements in individual product generations. The net reported reduction of 435.96 MWh, therefore, reflects volume and mix changes rather than a product-level energy efficiency improvement programme.

**Product-level technical evolution:**

Independent of the volume-driven reduction above, the following verified generational changes are present across the portfolio and represent genuine product-design evolution, though their effect on CY2025 TEC totals is limited (the newer platforms below were not yet part of CY2025 shipments, or represent a small share of units):

Product line	Previous generation	Current/next generation	Verified change
Horizon D/T11xxx_13xxx → D/T15750	12 <sup>th</sup> _14 <sup>th</sup> Gen Intel Core, DDR5-5600, PCIe 4.0 x16, ENERGY STAR v8.0	15 <sup>th</sup> Gen Intel Core Ultra (Series 2), DDR5-6400, PCIe 5.0 x16, ENERGY STAR v9.0	Processor generation, memory bandwidth (+14%), I/O generation, ENERGY STAR version
Kronos 540-G2 → 540-G3	Intel W680 chipset, 12 <sup>th</sup> _14 <sup>th</sup> Gen Core, DDR5-5600, 1250W 80 PLUS Platinum	Intel W880 chipset, Core Ultra (Series 2), DDR5-9066, 1250W 80 PLUS Platinum	Chipset, processor, memory bandwidth (+14%); PSU tier held constant (Platinum), isolating processor/memory contribution
Astro PW64-T (DDR4) → PW64-W (DDR5)	12 <sup>th</sup> Gen Intel Core, DDR4-3200	12 <sup>th</sup> _14 <sup>th</sup> Gen Intel Core, DDR5-4800	Memory technology transition (DDR4→DDR5)

### 4.3. Results for Greenhouse Gas Emissions, Scope 1, Scope 2 & Scope 3.

For the reporting year 2025, greenhouse gas (GHG) emissions were calculated across the following scopes:

**Scope 1:** Direct emissions from sources owned or controlled by Hypertec Group. These include on-site combustion of natural gas, fuel consumption from Hypertec’s three operational and service vehicles, and emissions from the diesel generator. Hypertec Group does not operate fossil-fuel-powered forklifts, nor were any refrigerant leaks recorded during the year.

Biogenic energy sources are not used within Hypertec operations; therefore, no biogenic emissions are reported as material.

The year 2024 has been established as the baseline year for tracking emissions and evaluating progress toward reduction objectives.

The calculation of emissions relies on emission factors published by the Ministry of Environment Conversion Table for GHG Emissions<sup>15</sup>, alongside the Intergovernmental Panel on Climate Change (IPCC) 2006 Guidelines for Global Warming Potential (GWP) values; 25 for CH<sub>4</sub> and 298 for N<sub>2</sub>O. These references ensure both methodological consistency and accuracy in reporting.

The following formula was applied in calculating total CO<sub>2</sub>e:

$$\text{CO}_2\text{e} = \text{CO}_2 + (\text{CH}_4 \times \text{GWP}_{\text{CH}_4}) + (\text{N}_2\text{O} \times \text{GWP}_{\text{N}_2\text{O}})$$

**Scope 2:** Indirect GHG emissions from electricity consumption correspond to the power purchased by Hypertec Group from Hydro-Québec. These emissions originate at the point of electricity generation rather than at Hypertec facilities.

For Scope 2 calculations, Hypertec applies a **location-based approach** in line with the GHG Protocol methodology. The year 2024 has been set as the baseline for tracking performance against reduction targets.

From 2019 to 2023, Hypertec applied a composite emission factor of 0.0005 kg CO<sub>2</sub>-e/kWh for electricity supplied by Hydro-Québec. This factor represents the combined climate impact of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O associated with Québec’s predominantly hydropower-based electricity grid.

For transparency and in alignment with GRI 305 requirements, the composite factor was disaggregated using representative hydropower proportions (CO<sub>2</sub> ≈ 98.9%, CH<sub>4</sub> ≈ 1.0%, N<sub>2</sub>O ≈ 0.1%) together with Québec’s official Global Warming Potentials (CH<sub>4</sub> = 25, N<sub>2</sub>O = 298). This allows the reporting of each gas separately while maintaining perfect consistency with the historical composite factor.

---

<sup>15</sup> [Ministry-Environment\\_Conversion-Table-GHG](#)

Beginning in 2024, as part of Hypertec's continuous improvement in GHG reporting quality and alignment with best practices, the organization transitioned to detailed emission factors for electricity, using the following values<sup>16</sup>:

Greenhouse gas (GHG) emissions (Scope 1 and Scope 2) are reported using the **Operational Control** approach, in accordance with the *GHG Protocol Corporate Accounting and Reporting Standard* and GRI 305 requirements.

Under this approach, Hypertec accounts for 100 % of the emissions from operations over which it has operational control, including both owned and leased facilities where it manages day-to-day operational activities.

**Scope 3:** This scope includes indirect greenhouse gas (GHG) emissions that occur across Hypertec Group's value chain, both upstream and downstream, from activities not directly owned or controlled by the company.

For the 2025 reporting year, Hypertec has disclosed Scope 3 emissions in the following categories:

- **Category 1:** Purchased goods and services
- **Category 2:** Capital goods
- **Category 3:** Fuel- and energy-related activities not included in Scope 1 or Scope 2
- **Category 4:** Upstream transportation and distribution
- **Category 5:** Waste generated in operations
- **Category 6:** Business travel
- **Category 7:** Employee commuting
- **Category 8:** Upstream leased assets
- **Category 9:** Downstream transportation and distribution
- **Category 11:** Use of sold products

The **baseline year** for Scope 3 accounting is **2023**.<sup>17</sup>

Emission factors were primarily derived from the **GHG Protocol**. For IT equipment, more specific factors from the **U.S. Environmental Protection Agency (EPA) database** were applied. A comprehensive list of all emission factors used can be found in **Annex 2**.

---

<sup>16</sup> <https://cdn-contenu.quebec.ca/cdn-contenu/environnement/transition-energetique/affaires-technoclimat/table-conversion-ges.xlsx>

CO<sub>2</sub>: 0.001 kg/kWh, CH<sub>4</sub>: 0.0000002 kg/kWh, N<sub>2</sub>O: 0.0000001 kg/kWh, GWP (CH<sub>4</sub>): 25, GWP (N<sub>2</sub>O): 298.

<sup>17</sup> For Scope 3, the baseline year was revised from 2021 to 2023, corresponding to the first year in which additional categories were included and the Scope 3 inventory was significantly expanded. As a result, emissions data from earlier years are not directly comparable.

### 4.3.1. Referring to Scope 1

Civil Year	CO2 t	CH4 t CO <sub>2</sub> -e	N2O t CO <sub>2</sub> -e	Gross Global Scope 1 t CO <sub>2</sub> -e	Intensity Metric t CO <sub>2</sub> -e / sq.ft	Intensity Metric t CO <sub>2</sub> -e /\$ CAD Revenue
2019	345.1862	0.0084	0.0065	345.20	5.64E-3	2.3E-6
2020	237.4669	0.0054	0.0045	237.48	3.92E-3	7.9E-7
2021	208.7541	0.0049	0.0049	208.76	3.44E-3	6.0E-7
2022	255.0050	0.0067	0.0067	255.02	4.21E-3	5.1E-7
2023	258.2201	0.0036	0.0035	258.22	1.82E-04	7.79E-07
2024	295.7276	0.1563	1.5661	297.45	1.66E-03	6.30E-07
2025	287.4771	0.1518	1,5228	289,1517	1,62E-03	4,37E-07

### 4.3.2. Referring to Scope 2 \_ Location-based

Civil Year	Emissions CO <sub>2</sub> (t)	Emissions CH <sub>4</sub> (t)	Emissions N <sub>2</sub> O (t)	Gross Global Scope 2 t CO <sub>2</sub> -e	Intensity Metric t CO <sub>2</sub> -e / sq.ft	Intensity Metric t CO <sub>2</sub> -e /\$ CAD Revenue
2019	27.8554	0.0113	0.00009	28.20	4.7E-04	1.88E-07
2020	24.7701	0.0100	0.00008	25.10	4.1E-04	8.37E-08
2021	18.9104	0.0076	0.00006	21.20	3.5E-04	6.06E-08
2022	22.9494	0.0093	0.00007	23.20	3.8E-04	4.64E-08
2023	15.4219	0.0062	0.00005	15.58	1.10E-05	4.70E-08
2024	2.1418	0.0004	0.00021	2.2163	1.24E-05	4.69E-09
2025	2.1994	0.0110	0.0655	2.2760	1.27E-05	3.44E-09

#### 4.3.2.1. Referring to Market-based scope 2:

The electricity consumed by Hypertec is supplied by Hydro-Québec, a utility recognized for its clean energy portfolio. More than 99% of Hydro-Québec's electricity generation comes from renewable sources, primarily hydropower ([Hydro-Québec, 2024](#)). While the electricity purchased is already low-carbon, Hypertec procures **Renewable Energy Certificates (RECs)** to strengthen the traceability of renewable attributes and to apply the GHG Protocol's market-based accounting approach for Scope 2 reporting.

The following table summarizes our REC procurement and market-based Scope 2:

**Methodology for Market-based scope 2 calculation:**

**Market-Based Scope 2** = (REC MWh×0) + (Remaining energy without contractual instruments (Uncovered MWh) × Market-Based Emission Factor)

Civil Year	Electricity Consumption (MWh)	Number of RECs	REC Emissions † CO <sub>2</sub> -e	Remaining energy without contractual instruments	Residual Mix EF (HQ) († CO <sub>2</sub> e) <sup>18</sup>	Market-based Scope 2 († CO <sub>2</sub> -e
2022	46,390.00	6415.00	0	39,952.85	0.0013	51.9675
2023	31,163.00	3474.00	0	27,689.03	0.0006	16.6134
2024	2,141.00	1498.00	0	643.80	0.00248	1.5946
2025 <sup>19</sup>	2,199.00	-	0	2,199	0.00248	5.4535

**4.3.3. Referring to Total Gross Scope 1 and Scope 2**

Civil Year	Gross Global Scope 1 & 2 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
<b>2019</b>	373.00	6.2E-03	2.5E-06
<b>2020</b>	263.00	4.3E-03	8.8E-07
<b>2021</b>	230.00	3.8E-03	6.1E-07
<b>2022</b>	278.00	4.6E-03	5.6E-07
<b>2023</b>	273.80	1.93E-04	8.26E-07
<b>2024</b>	299.67	1.67E-03	6.35E-07
<b>2025</b>	291.43	1.63E-03	4.40E-07

During CY2025, Hypertec did not implement specific, discrete emissions-reduction initiatives whose impact can be separately quantified from overall inventory variance. The year-over-year change in Scope 1 and Scope 2 emissions (-8.24 † CO<sub>2</sub>e, from 299.67 to 291.43 † CO<sub>2</sub>e) reflects normal operational variation in fuel and electricity consumption rather than a targeted reduction project. Notably, Renewable Energy Certificate (REC) procurement, which had previously contributed to market-based Scope 2 reductions (1,498 RECs retired in CY2024), was not renewed in CY2025 (0 RECs), removing what had been an active reduction lever.

Hypertec's primary planned reduction initiative: relocation to the new LaSalle facility is scheduled for 2026-2027 and is expected to be the main driver of quantifiable emissions reductions in future reporting periods, as detailed in the Net-Zero Transition Plan (Section 2). Quantified reduction figures attributable to this initiative will be reported in the disclosure once the relocation is complete and pre/post energy data is available.

<sup>18</sup> <chrome-extension://efaidnbnmnibpcjpcglclefindmkaj/https://www.hydroquebec.com/data/developpement-durable/pdf/hq-ghg-emission-rate-1990-2024.pdf>

<sup>19</sup> Renewable Energy Certificates (RECs) could not be procured for the 2025 reporting year due to market availability constraints. RECs planned for purchase in 2026 will be applied to the corresponding reporting period only.

### 4.3.4. Referring to Scope 3

#### Category 1: Purchased Goods and Services

Civil Year	Gross Global Scope 3_C1 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
2021	140,745.32	2.32	4.0E-04
2022	195,830.45	3.23	3.9E-04
2023	524,850.41	3.71E-01	1.58E-03
2024	258,179.90	1.44E+00	5.47E-04
2025	192,897.33	1.08E+00	2.91E-04

#### Category 2: Capital goods

Civil Year	Gross Global Scope 3_C1 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
2021	-	-	-
2022	-	-	-
2023	2,762.88	1.95E-03	8.33E-06
2024	78.32	4.38E-04	1.66E-07
2025	332.81	1.86E-03	5.03E-07

#### Category 3: Fuel-and-Energy activities not included in Scope 1 or Scope 2

Civil Year	Gross Global Scope 3_C3 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
2021	21,231.69	0.35	6.07E-05
2022	23,241.23	0.38	4.65E-05
2023	39.50 <sup>20</sup>	2.79E-05	1.19E-07
2024	21.05	1.18E-04	4.46E-08
2025	20.34	1.14E-04	3.07E-08

<sup>20</sup> Category 3 was not calculated or included in the 2023 report due to a methodological omission. This year, the analysis has been retroactively completed using 2023 data to ensure consistency, completeness, and transparency in emission tracking. The corresponding results are therefore included in this 2025 report.

**Category 4: Upstream Transportation and Distribution**

Civil Year	Gross Global Scope 3 _ C4 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
2021	542.19	8.9E-3	1.55E-06
2022	753.64	1.2E-2	1.51E-06
2023	102.14	7.21E-05	3.08E-07
2024	527.22	2.95E-03	1.12E-06
2025	493.33	2.76E-03	7.45E-07

**Category 5: Waste Generated in Operations**

Civil Year	Gross Global Scope 3 _ C5 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
2021	-	-	-
2022	-	-	-
2023	5.47	3.86E-06	1.65E-08
2024	3.76	2.10E-05	7.96E-09
2025	3.06	1.71E-05	4.63E-09

**Category 6: Business travel**

Civil Year	Gross Global Scope 3 _ C6 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
2021	-	-	-
2022	-	-	-
2023	59.22	5.00E-05	2.14E-07
2024	76.04	4.25E-04	1.61E-07
2025	52.96	2.96E-04	8.00E-08

**Category 7: Employee Commuting**

Civil Year	Gross Global Scope 3 _ C7 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
2021	-	-	-
2022	-	-	-
2023	59.22	4.18E-05	1.79E-07
2024	116.23	6.50E-04	2.46E-07
2025	241.31	1.35E-03	3.65E-07

**Category 8: Upstream Leased Assets**

Civil Year	Gross Global Scope 3 _ C8 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
2021	-	-	-
2022	-	-	-
2023	1,883.65	1.33E-03	5.68E-06
2024	201.68	1.13E-03	4.27E-07
2025	200.00	1.12E-03	3.02E-07

**Category 9: Downstream Transportation and Distribution**

Civil Year	Gross Global Scope 3 _ C9 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
2021	-	-	-
2022	-	-	-
2023	3,538.27	2.50E-03	1.07E-05
2024	5,696.44	3.18E-02	1.21E-05
2025	9,133.00	5.10E-02	1.38E-05

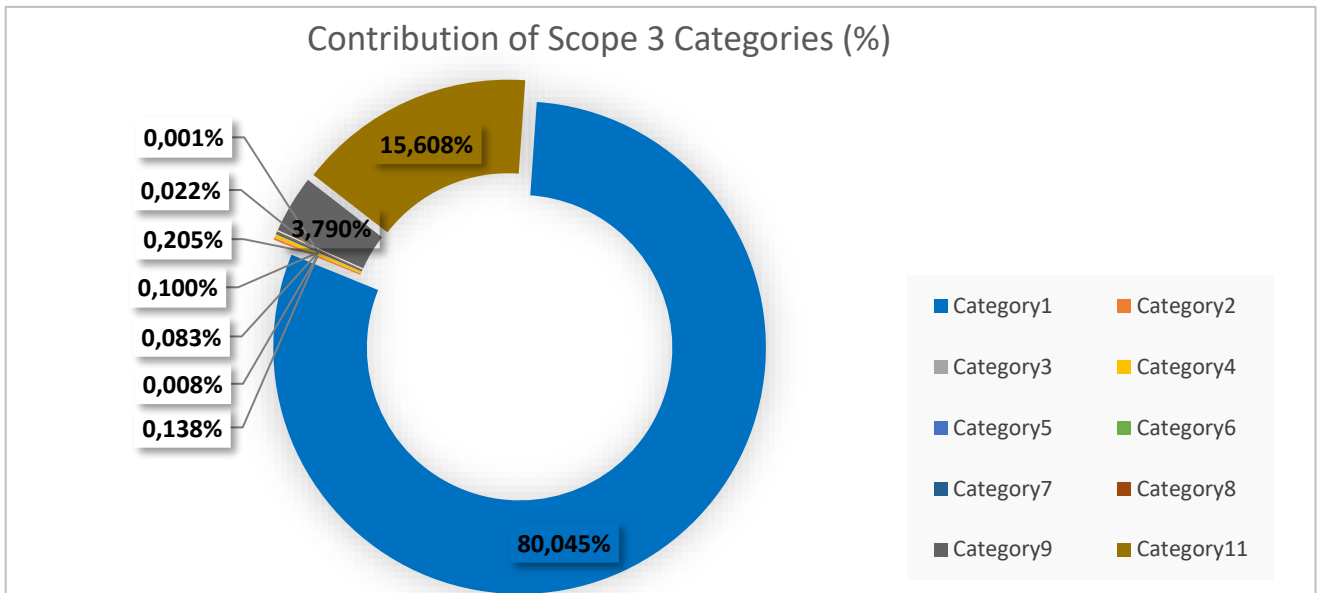
**Category 11: Use of Sold Products**

Civil Year	Gross Global Scope 3 _ C9 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
2021	-	-	-
2022	-	-	-
2023	51,615.42	3.64E-02	1.56E-04
2024	189,392.96	1.06E+00	4.01E-04
2025	37,612.63	2.10E-01	5.68E-05

**4.3.5. Referring to Total Gross Scope 3 (Category 1, 2, 3, 4, 5, 6, 7, 8, 9 & 11)**

Civil Year	Gross Global Scope 3 † CO <sub>2</sub> -e	Intensity Metric († CO <sub>2</sub> -e / sq.ft)	Intensity Metric († CO <sub>2</sub> -e / \$ CAD Revenue)
2021	162,519.20	2.681	4.643E-04
2022	219,825.32	3.626	4.397E-04
2023	584,927.76	4.13E-01	1.76E-03
2024	454,293.61	2.54E+00	9.62E-04
2025	240,986.77	1.7E-01	3.64E-04

### Scope3 GHG Emissions Contribution by Category (2025)



Scope 3 emissions are primarily driven by Purchased Goods & Services (Category 1) at 80.04% and Use of Sold Products (Category 11) at 15.61%. Downstream Transportation and Distribution (Category 9) contributes 3.79%. All other categories contribute marginally (<1%), including:

- Category 4 (Upstream Transportation): 0.20%
- Category 2 (Capital Goods): 0.14%
- Category 7 (Employee Commuting): 0.10%
- Category 8 (Upstream Leased Assets): 0.08%
- Category 6 (Business Travel): 0.02%
- Category 3 (Fuel- and Energy-Related Activities): 0.008%
- Category 5 (Waste Generated in Operations): 0.001%

This highlights that over 95% of Scope 3 emissions are concentrated in just two key categories (Category 1 and Category 11).

## 4.4. Performance Evaluation

### 4.4.1. Absolute Value

Civil Year	2019	2020	2021	2022	2023	2024	2025
Energy (MWh)	57,926	51,926	43,451	47,648	32,594	3,738	3,751
Variation (MWh)	-	-6,000	-8,475	+4,197	-15,054	-28,855	13.29
Energy Variation (%)	-	-10%	-16%	10%	-32%	-89%	0.36%
Gross Total Scope 1	345.20	237.48	208.76	255.02	258.22	297.45	289.15
Scope 1 Variation (tCO <sub>2</sub> e)		-107.72	-136.44	-90.18	-86.98	39.23	-8.30
Scope 1 Variation (%)	-	-31%	-12%	22%	1%	15%	-3%
Gross Total Scope 2	28.20	25.10	21.20	23.20	15.58	2.22	2.28
Scope 2 Variation (tCO <sub>2</sub> e)	-	-3.10	-3.9	2	-7.62	-13.36	0.06
Scope 2 Variation (%)	-	-11%	-16%	9%	-33%	-86%	3%
Gross Total Scope 1 & 2	373	263	230	278	273.8	299.67	291.43
Scope 1 & 2 Variation (tCO <sub>2</sub> e)	-	-110.82	-32.62	48,26	-4.42	25.87	-8.24
Scope 1 & 2 Variation (%)	-	-30%	-12%	21%	-2%	9%	-3%
Gross Total Scope 3	-	-	162,519.20	219,825.32	584,927.76	454,293.61	240,986.77
Scope 3 Variation (tCO <sub>2</sub> e)	-	-	-	57,306.12	365,102.44	-130,594.27	-213,306.84
Scope 3 Variation (%)	-	-	-	35%	166%	-22%	-47%
Gross Total Scope 1, 2 & 3	-	-	162,749.17	220,103.54	585,201.56	454,593.28	241,278.20
Annual variation Scope 1,2 & 3 (tCO <sub>2</sub> e)	-	-	-	57,354.37	365,098.02	-130,608.28	-213,315.08
Gross Total Scope 1, 2 & Scope 3 Variation (%)	-	-	-	35%	166%	-22%	-47%
Water Consumption (ML)	57.895	56.108	44.837	47.767	51.651	5.773	6,793
Annual variation_ Water Consumption (ML)	-	-1.787	-11.271	2.930	3.884	-45.879	1,020
Annual variation_ Water Consumption (%)	-	-3%	-20%	6.5%	8%	-89%	18%

#### 4.4.2. Intensity Value

Civil Year	2019	2020	2021	2022	2023	2024	2025
Energy -Physical Intensity	9.6E-04	8.6E-04	7.2E-04	7.9E-04	2.3E-02	2.09E-02	2.10E-02
Energy -Physical Intensity Variation (%)	-	-10%	-16%	10%	2812%	-9%	0.36%
Energy -Economic Intensity	1.27E-04	1.15E-04	9.98E-05	1.33E-04	9.83E-05	7.92E-06	5.67E-06
Energy- Economic Intensity Variation (%)	-	-10%	-13%	33%	-26%	-92%	-28%
Gross Total Scope 1 -Physical Intensity	5.69E-03	3.91E-03	3.44E-03	4.20E-03	1.82E-04	1.66E-03	1.62E-03
Gross Total Scope 1 -Physical Intensity Variation (%)	-	-31%	-12%	22%	-96%	812%	-3%
Gross Total Scope 1 -Economic Intensity	2.30E-05	7.9E-06	6.00E-06	5.1E-06	7.79E-07	6.3E-07	4.37E-07
Gross Total Scope 1 -Economic Intensity Variation (%)	-	-65%	-24%	-14%	-85%	-19%	-31%
Gross Total Scope 2 - Physical Intensity	4.7E-04	4.1E-04	3.5E-04	3.8E-04	1.10E-05	1.24E-05	1.27E-05
Gross Total Scope 2 -Physical Intensity Variation (%)	-	-10%	-16%	9%	-97%	13%	3%
Gross Total Scope 2 -Economic Intensity	1.88E-07	8.37E-08	6.06E-08	4.64E-08	4.70E-08	4.69E-09	3.44E-09
Gross Total Scope 2 -Economic Intensity Variation (%)	-	-55%	-28%	-23%	1%	-90%	-27%
Gross Total Scope 3 - Physical Intensity	-	-	2.681	3.626	4.13E-01	2.54E+00	1.70E-01
Gross Total Scope 3 - Physical Intensity Variation (%)	-	-	-	35%	-89%	515%	-93%
Gross Total Scope 3 -Economic Intensity	-	-	4.64E-04	4.40E-04	1.76E-03	9.62E-04	3.64E-04
Gross Total Scope 3 -Economic Intensity Variation (%)	-	-	-	-5.31%	301%	-45%	-62%
Water Consumption - Physical Intensity	9.50E-01	9.30E-01	7.40E-01	7.90E-01	3.65E-02	3.23E-02	3.80E-02
Water Consumption- Physical Intensity Variation (%)	-	-3%	-20%	7%	-95%	-12%	18%
Water Consumption -Economic Intensity	3.87E-04	1.9E-04	1.3E-04	9.6E-05	1.56E-04	1.22E-05	1.03E-05
Water Consumption-Economic Intensity Variation (%)	-	-52%	-32%	-25%	62%	-92%	-16%

## 5. HISTORY OF CHANGES

REV	DATE	MODIFICATIONS	CREATED BY	APPROVED BY
01	2024.10.22	Creation	Aziza B.	Ali Khosroshahi
02	2025.07.10	Annual revision	Aziza B.	Toni E.
03	2026.03.18	Annual revision	Aziza B.	Toni E.

## 6. ANNEX

### 6.1. Global Reporting Initiative Disclosure

#### GRI 302: Energy 2016

GRI	Description	Disclosed Information	Link
103-1.2 and 3	Material and Boundary Explanation of Energy, the Management approach	Integrated Management Systems Policy	<a href="https://ciaratech.com/sustainability/">https://ciaratech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>
		ISO 14001 Certificate	
		ISO 50001 Certificate	
		CDP score	
		Supply Chain Responsibility	
		Energy Management Policy	
		Bulk Packaging Policy for PC Systems	
302-1	Total fuel consumption within the organization from non-renewable sources, in joules or multiples, and including fuel types used.	Results for Energy Consumption	<a href="https://ciaratech.com/sustainability/">https://ciaratech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>
302-2	Energy consumption outside of the organization, in joules or multiples	This metric does not apply to Hypertec Group's activities and energy consumption scope.	N/A
302-3	Energy intensity ratio for the organization.	Table of Intensity Value	<a href="https://ciaratech.com/sustainability/">https://ciaratech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>
302-4	Amount of reductions in energy consumption achieved as a direct result of conservation and efficiency initiatives, in joules or multiples.	Table of Annual Consumptions_3rd party audit and reports. Review section 4 of this report.	<a href="https://ciaratech.com/sustainability/">https://ciaratech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>
302-5	Reductions in energy requirements of sold products and services achieved during the reporting period, in joules or multiples.	Table of Energy requirements of sold products and services	<a href="https://ciaratech.com/sustainability/">https://ciaratech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>

### GRI 303: Water and Effluents 2018

GRI Ref	Description	Disclosed Information	Link
303-1	Interactions with water as a shared resource	Water Management Approach in Section 2 and details in Footnote 3. Water is sourced exclusively from the City of Montréal municipal network. No water-stressed areas involved. See Results for Water Consumption (Section 4.1).	<a href="https://ciartech.com/sustainability/">https://ciartech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>
303-2	Description of water discharge standards	Discharge consists exclusively of domestic/sanitary wastewater to the City of Montréal public sewer system. Applicable standard: City of Montréal By-law on wastewater (R.B.C.M., c. G-1). No industrial processes are operated; no internally developed effluent standards are required beyond municipal compliance. See Footnote 3 and Water Management Approach in Section 2.	<a href="https://ciartech.com/sustainability/">https://ciartech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>
303-3	Sources and volumes of water withdrawn	Results for Water Consumption (Section 4.1).	<a href="https://ciartech.com/sustainability/">https://ciartech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>
303-4	Destinations and volumes of water discharged	Total water discharge 2025: ~6.793 ML to City of Montréal public sewer. Freshwater: 6.793 ML; Other water: 0 ML. Discharge to water-stressed areas: 0 ML. No priority substances of concern (only domestic/sanitary wastewater generated). See Footnote 3 for full breakdown.	<a href="https://ciartech.com/sustainability/">https://ciartech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>
303-5	The volume of water consumed	Results for Water Consumption (Section 4.1).	<a href="https://ciartech.com/sustainability/">https://ciartech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>

### GRI 305: Emissions 2016

GRI Ref	Description	Disclosed Information	Link
103- 1, 2 and 3	Explanation of Emissions as a material topic and its Boundary, the management approach and its components, and the evaluation of the management approach.	Please review sections 2 and 3 of this report.	<a href="https://ciartech.com/sustainability/">https://ciartech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>
305-1	Gross direct (Scope 1) GHG emissions in metric tons of CO2 equivalent	Hypertec Group has assessed scopes 1 and 2.	<a href="https://ciartech.com/sustainability/">https://ciartech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>
305-2	Indirect (Scope 2) GHG emissions	For Scope 3, categories 1, 2, 3, 4,5,6,7, 8,9, and 11 were reported.	
305-3	Gross other indirect (Scope 3) GHG emissions in metric tons of CO2 equivalent	Results for Greenhouse Gas Emissions, Scope 1, Scope 2 & Scope 3.	
305-4	GHG emissions intensity ratio for the organization.	Table of Intensity Value	<a href="https://ciartech.com/sustainability/">https://ciartech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>

305-5	GHG emissions were reduced directly due to reduction initiatives in metric tons of CO2 equivalent.	Table of Intensity Value	<a href="https://ciaratech.com/sustainability/">https://ciaratech.com/sustainability/</a> <a href="https://hypertec.com/sustainability/">https://hypertec.com/sustainability/</a>
305-6	Emissions of ozone-depleting substances (ODS)	N/A Our activities focus on assembling IT equipment, a process that does not require the use of ODS	N/A
305-7	Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions	N/A Our company does not generate significant NOx, SOx, or other air emissions, as our activities focus on IT equipment assembly, which does not involve combustion or industrial processes that release these pollutants. However, we ensure that our suppliers comply with air quality regulations and adopt best practices to minimize emissions	N/A

## 6.2. Emission Factors (Scope 3)

Category	Methodology	Element	Emission factor	Source
Category 1	Average-data method	NOTEBOOK, PC, Laptop	331 ( kg CO2e/piece)	<a href="https://circularcomputing.com/news/carbon-footprint-laptop/">https://circularcomputing.com/news/carbon-footprint-laptop/</a>
		Servers	945( kg CO2e/piece)	This factor is an estimate based on data from Boavizta: <a href="https://boavizta.org/">https://boavizta.org/</a>
		Batteries	120 ( kg CO2e/piece)	<a href="#">Ecoinvent Database</a>
		Cables	0.75 ( kg CO2e/piece)	<a href="#">Ecoinvent Database</a>
Category 2	Average spend-based method	Building/Leasehold Improvement	0.1988( kg CO2e/\$)	StatCan émissions + IPC 2009–2024: <a href="https://www150.statcan.gc.ca/n1/daily-quotidien/090714/dq090714b-eng.htm?utm_source=chatgpt.com">https://www150.statcan.gc.ca/n1/daily-quotidien/090714/dq090714b-eng.htm?utm_source=chatgpt.com</a>
		Computer Equipment Furniture & Fixture Machinery & Equipment	0.2829( kg CO2e/\$)	Climatiq/DEFRA
Category 3	Average-data method	Natural Gas (m3) Generator (L) Vehicles (L) Electricity	0.048 (kg CO2e/U) 2.689 (kg CO2e/U) 2.312 (kg CO2e/U) 0.000117 (kg CO2e/U)	<a href="#">Greenhouse Gas Emissions Quantification Guide</a>
Category 4 & 9	Spend-based method (transportation)	Sea Freight	2.71 ( kg CO2e/\$)	EPA : <a href="https://www.epa.gov/climateleadership/ghg-emission-factors-hub">https://www.epa.gov/climateleadership/ghg-emission-factors-hub</a>
		Air Freight	2.15 ( kg CO2e/\$)	EPA : <a href="https://www.epa.gov/climateleadership/ghg-emission-factors-hub">https://www.epa.gov/climateleadership/ghg-emission-factors-hub</a>
		Rail Transport	0.0252 ( kg CO2e/\$)	EPA : <a href="https://www.epa.gov/climateleadership/ghg-emission-factors-hub">https://www.epa.gov/climateleadership/ghg-emission-factors-hub</a>
		Truck Transport	1.42 ( kg CO2e/\$)	EPA : <a href="https://www.epa.gov/climateleadership/ghg-emission-factors-hub">https://www.epa.gov/climateleadership/ghg-emission-factors-hub</a>
Category 5	Waste-type-specific method	Wood	0.05 ( kg CO2e/Kg)	EPA : <a href="https://www.epa.gov/climateleadership/ghg-emission-factors-hub">https://www.epa.gov/climateleadership/ghg-emission-factors-hub</a>
		Paper & Cardbord	0.04 ( kg CO2e/Kg)	EPA : <a href="https://www.epa.gov/climateleadership/ghg-emission-factors-hub">https://www.epa.gov/climateleadership/ghg-emission-factors-hub</a>
		Toner	0.5 ( kg CO2e/Kg)	EPA : <a href="https://www.epa.gov/climateleadership/ghg-emission-factors-hub">https://www.epa.gov/climateleadership/ghg-emission-factors-hub</a>
		Metal	0.02 ( kg CO2e/Kg)	EPA : <a href="https://www.epa.gov/climateleadership/ghg-emission-factors-hub">https://www.epa.gov/climateleadership/ghg-emission-factors-hub</a>
		EE (Total of bins)	0.013 ( kg CO2e/Kg)	EPA : <a href="https://www.epa.gov/climateleadership/ghg-emission-factors-hub">https://www.epa.gov/climateleadership/ghg-emission-factors-hub</a>

<b>Category 6</b>	Spend-based method	Air transport	Short Haul (<483 km) 0.1300 Medium Haul (483–3700 km) 0.0810 Long Haul (≥3700 km) 0.1023)	EPA : <a href="https://www.epa.gov/climateleadership/ghg-emission-factors-hub">https://www.epa.gov/climateleadership/ghg-emission-factors-hub</a>
<b>Category 7</b>	Average-data method	Transport mode: Electric Vehicle/CA Gasoline Vehicle/CA Hybrid Vehicle/CA Public Transit	0.033(kgCO2eq_per_km) 0.21273kgCO2eq_per_km) 0.106kgCO2eq_per_km) 0.060kgCO2eq_per_km)	Facteurs de conversion et d'émissions utilisés pour le bilan du secteur institutionnel : <a href="https://cdn-contenu.quebec.ca/cdn-contenu/environnement/transition-energetique/affaires-ecoperformance/tableau-facteurs-emission-conversion.pdf">https://cdn-contenu.quebec.ca/cdn-contenu/environnement/transition-energetique/affaires-ecoperformance/tableau-facteurs-emission-conversion.pdf</a>
<b>Category 11</b>	Direct use-phase emissions from products that directly consume energy (electricity) during use	Workstations PC & Laptops	0.375 (kg CO2e/kWh)	EF US Average, eGRID 2022 (EPA, published January 2024)
		Desktop mini tower	0.117 (kg CO2e/kWh)	Estimated value based on the average electricity consumption in Canada and the United States, according to the average emission factors of the electricity grids in these regions weighted factor: US (0.375) & Canada(0.1) with sold units
		Desktop small form	0.183 (kg CO2e/kWh)	Estimated value based on the average electricity consumption in Canada and the United States, according to the average emission factors of the electricity grids in these regions weighted factor: US (0.375) & Canada(0.1) with sold units
		Servers	0.3966 (kg CO2e/kWh)	USA 0.386 "EPA 2023" OUT USA 0.460 Weighted factor= (0.8571*0.386)+(0.1429*0.460)